

C-51 Reservoir Concept Proposed Phase II Scope of Work



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Scope of Work

- **SFWMD concurs with proposed tasks for Phase II:**
 - **Update Utility Demand Projections**
 - **Permitting/regulatory analysis**
 - **Conveyance**
 - **Environmental and water quality analysis**
 - **Geotechnical & Hydraulic Testing**
 - **Full-cost accounting**
 - **Legal & Regulatory Considerations**
 - **Governance & Financing**
 - **Schedule**
 - **Offset Credits**

Key Points

- **Additional analyses needed include:**
 - **Conveyance to Broward County**
 - **Distribution of water within LWDD**
 - **Which utilities might be eligible for potential allocation increases**
 - **How much water quality treatment may be necessary**
 - **Whether geology of specific site compatible**
 - **Level of detail needed for Regional Water Supply Plan**

Other Key Issues

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- **Updated cost estimate should include**
 - **Conveyance improvements,**
 - **Water quality treatment**
 - **Updated population/demand estimates**
- **Involvement of other key agencies and stakeholders**
- **Resolution of Lake Worth Drainage District issues**
- **Reconsideration of L-40 Levee Study – potential delay**

Conclusions

- **Future phases should consider alternative entities to own and operate facilities**
- **SFWMD concurs with the general tasks proposed for Phase II**
- **SFWMD has not seen scope for “Phase IIA”**
- **Information from Phase II will be needed to answer “Key Decisions”**
- **Need to engage other agencies that have jurisdiction related to the conceptual project**

Questions?

Involvement of other agencies

- **U.S. Army Corps of Engineers**
 - Water Conservation Areas (WCAs) operations (regulation schedules)
- **U.S. Fish and Wildlife Service**
 - Manages WCA-1
 - Water quality and operational issues
- **U.S. Environmental Protection Agency**
 - Nutrient standards
- **FL Department of Environmental Protection**
 - Water quality issues
- **Lake Worth Drainage District**
 - Operational issues
 - Water quality
 - Source reliability

SFWMD Role

- **Participation in Phase II and possible implementation is uncertain**
 - **Budget and staffing limitations**
 - **Competing priorities**